N&W GLOBAL VENDING

TECHNICAL INFORMATION

WITTENBORG

TYPE NO	TYPE	T.I.-NO
FB 7100	Fresh Brew Vending Machine	7100 2005-01
SERIAL NUMBERS AFFECTED: See below		ISSUED BY: Documentation/ Wittenborg Odense
SUBJECT: Alpha-numeric Display Protection		ISSUED FOR (X): Action / Information: X

MACHINES AFFECTED

- FB 7100 produced before Serial Number: 563530

BACKGROUND

- There have been some incidents of failure of the display fitted to 7100 machines (Part Number 48560600).

  Samples of damaged displays have been examined by N&W and the supplier. The cause of the failure is believed to be due to excessively high currents being transferred to the display from electrostatic discharges.

  The generation of electrostatic charges in machine users and their discharge to metal surfaces will vary due local site conditions.

  However, in internal tests, N&W have proven that the risk of potential damage to the display board from electrostatic discharge via the aluminium profile can be removed by improving the ground connection to the display within the machine.

MODIFICATION

- The ground connection for the display is via a wire to the Selection Panel Controller Board.

  The Selection Panel Controller board is attached to the metal chassis of the door using 3 wing nuts..

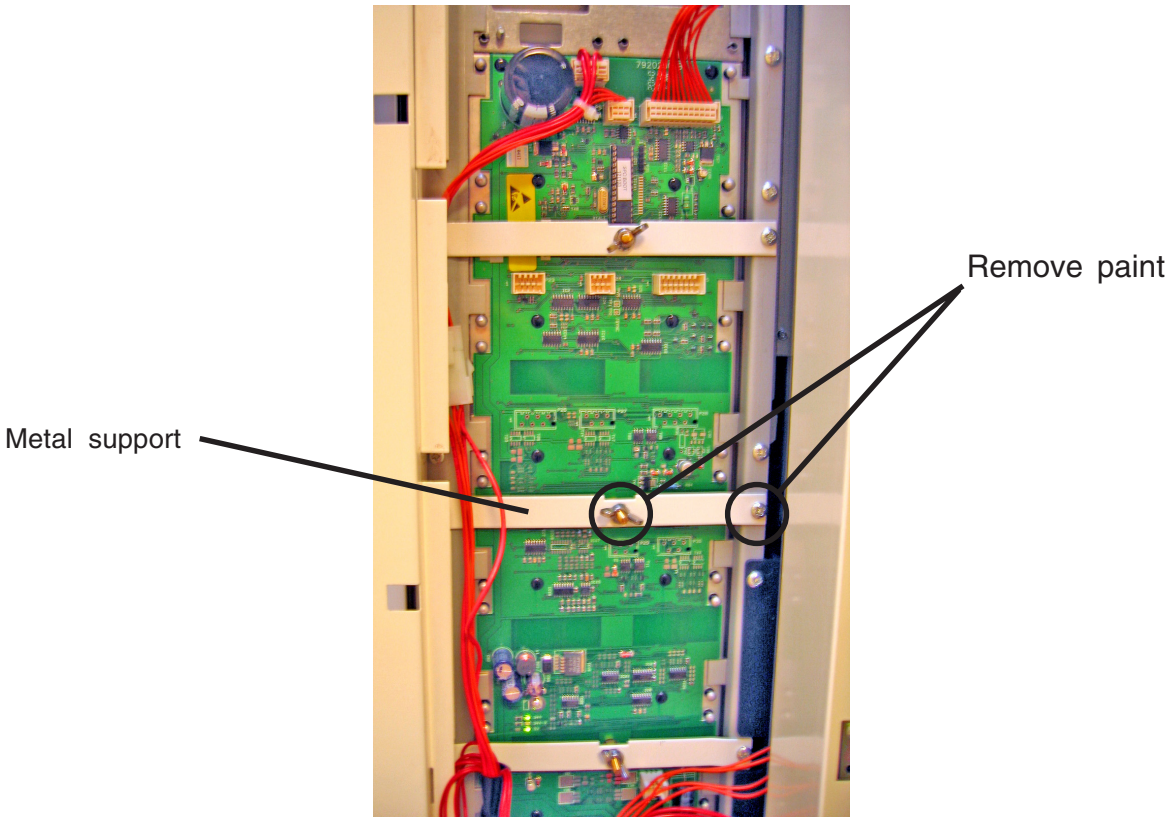
  With effect from machine serial number 563530 and including the machines with serial numbers as mentioned on page 3, the ground connection has been improved by removing paint from the metal supports for the Selection Panel Controller Board.

RECOMMENDATION

- It is recommended, that on the next service call, the paint be physically removed from the metal support to ensure the required ground connection to remove the risk of display damage.

Note: Internal measurements have indicated that it is only necessary to ensure the paint is removed from one metal support to secure an adequate ground connection.

- See the diagram for details.



LIST OF MODIFIED MACHINES BEFORE SERIAL NUMBER 563530

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